

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: Jean-Michel FRANCHET, et al.

SERIAL NO: New Application

GAU:

FILED: Herewith

EXAMINER:

FOR: A METHOD OF FABRICATING A HOLLOW MECHANICAL PART BY DIFFUSION WELDING AND SUPERPLASTIC FORMING

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97

COMMISSIONER FOR PATENTS
ALEXANDRIA, VIRGINIA 22313

SIR:

Applicant(s) wish to disclose the following information.

REFERENCES

- The applicant(s) wish to make of record the references cited in the attached French Search Report listed on the attached form PTO-1449. Copies of the listed references are attached, where required, as are either statements of relevancy or any readily available English translations of pertinent portions of any non-English language references.
- A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

RELATED CASES

- Attached is a list of applicant's pending application(s) or issued patent(s) which may be related to the present application. A copy of the patent(s), together with a copy of the claims and drawings of the pending application(s) is attached along with PTO 1449.
- A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

CERTIFICATION

- Each item of information contained in this information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.
- No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this statement.

DEPOSIT ACCOUNT

- Please charge any additional fees for the papers being filed herewith and for which no check or credit card payment is enclosed herewith, or credit any overpayment to deposit account number 15-0030. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

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Form PTO 1449 (Modified)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE LIST OF REFERENCES CITED BY APPLICANT		ATTY DOCKET NO. 251003US41		SERIAL NO. New Application	
				APPLICANT Jean-Michel FRANCHET, et al.			
				FILING DATE Herewith		GROUP	
				U.S. PATENT DOCUMENTS			
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
AA		5,513,791	05/07/96	Raymond G. ROWE, et al.			
AB		5,316,203	05/31/94	Raymond G. ROWE, et al.			
AC							
AD							
AE							
AF							
AG							
AH							
AI							
AJ							
AK							
AL							
AM							
AN							
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION		
AO		2 739 045	03/28/97	France	YES		x
AP		2 772 021	06/11/99	France			x
AQ		0 849 029	06/24/98	Europe			
AR							
AS							
AT							
AU							
AV							
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)							
	AW						
	AX						
	AY						
	AZ					<input type="checkbox"/> Additional References sheet(s) attached	
Examiner					Date Considered		

*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Translation of Category of Cited Documents in the attached foreign language Search Report:

- X:** particularly relevant if taken alone
- Y:** particularly relevant if combined with another document of the same category
- A:** relevant to at least one claim or as technological background
- O:** non-written disclosure
- P:** intermediate document
- T:** theory or principle underlying the invention
- E:** document entitled to a date prior to the filing date but which was not published until the filing date or a later date
- D:** document cited in the application
- L:** document cited for other reasons

- &:** member of the same patent family, corresponding document

**RAPPORT DE RECHERCHE
PRÉLIMINAIRE**

 établi sur la base des dernières revendications
 déposées avant le commencement de la recherche
N° d'enregistrement
nationalFA 632352
FR 0304443

DOCUMENTS CONSIDÉRÉS COMME PERTINENTS		Revendication(s) concernée(s)	Classement attribué à l'invention par l'INPI
Catégorie	Citation du document avec indication, en cas de besoin, des parties pertinentes		
A,D	FR 2 739 045 A (SNECMA) 28 mars 1997 (1997-03-28) * abrégé; figures * ---	1-10	B23K20/18 B23P15/04
A,D	FR 2 772 021 A (HORY ARNAUD) 11 juin 1999 (1999-06-11) * abrégé; figures * ---	1-10	
A	US 5 513 791 A (CASEY REBECCA L ET AL) 7 mai 1996 (1996-05-07) * page 1, ligne 6-15 * * colonne 3, ligne 10-27 * ---	1-10	
A	US 5 316 203 A (ROWE RAYMOND G ET AL) 31 mai 1994 (1994-05-31) * colonne 1, ligne 30-44 * ---	1-10	
A,D	EP 0 849 029 A (BRITISH AEROSPACE) 24 juin 1998 (1998-06-24) * abrégé * -----	1-10	
			DOMAINES TECHNIQUES RECHERCHÉS (Int.CL.7)
			B23K B21D B23P
3	Date d'achèvement de la recherche	Examinateur	
EPO FORM 1503 12.89 (P04C14)	23 décembre 2003	Jaeger, H	
CATÉGORIE DES DOCUMENTS CITÉS		T : théorie ou principe à la base de l'invention E : document de brevet bénéficiant d'une date antérieure à la date de dépôt et qui n'a été publié qu'à cette date de dépôt ou qu'à une date postérieure. D : cité dans la demande L : cité pour d'autres raisons & : membre de la même famille, document correspondant	
X : particulièrement pertinent à lui seul	Y : particulièrement pertinent en combinaison avec un autre document de la même catégorie		
A : arrière-plan technologique	O : divulgation non-écrite		
P : document intercalaire			

**ANNEXE AU RAPPORT DE RECHERCHE PRÉLIMINAIRE
RELATIF A LA DEMANDE DE BREVET FRANÇAIS NO. FR 0304443 FA 632352**

La présente annexe indique les membres de la famille de brevets relatifs aux documents brevets cités dans le rapport de recherche préliminaire visé ci-dessus.

Les dits membres sont contenus au fichier informatique de l'Office européen des brevets à la date du **23-12-2003**.

Les renseignements fournis sont donnés à titre indicatif et n'engagent pas la responsabilité de l'Office européen des brevets, ni de l'Administration française.

Document brevet cité au rapport de recherche		Date de publication		Membre(s) de la famille de brevet(s)	Date de publication
FR 2739045	A	28-03-1997		FR 2739045 A1 CA 2186562 A1 DE 69605998 D1 DE 69605998 T2 EP 0765711 A1 ES 2140805 T3 JP 3281551 B2 JP 9125903 A US 5826332 A	28-03-1997 28-03-1997 10-02-2000 29-06-2000 02-04-1997 01-03-2000 13-05-2002 13-05-1997 27-10-1998
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US 5513791	A	07-05-1996		AUCUN	
US 5316203	A	31-05-1994		AUCUN	
EP 0849029	A	24-06-1998		GB 2320461 A DE 69702290 D1 DE 69702290 T2 EP 0849029 A1 ES 2147424 T3 US 6106644 A	24-06-1998 20-07-2000 26-10-2000 24-06-1998 01-09-2000 22-08-2000